

TREBIN, F.A.; SHCHERBAKOV, G.V.

Analysis of methods for hydrodynamic studies of wells. Neft.khoz.  
35 no.3:22-30 Mr '57. (MIRA 10:4)  
(Oil wells) (Hydrodynamics)

TREBIN, F.A.

93-6-18/20

AUTHOR: Trebin, F.A.

TITLE: The Petroleum Industry of Burma (Neftyanaya promysh-  
lennost' Birmy)

PERIODICAL: Neftyanoye khozyaystvo, 1957, <sup>35</sup>Nr 6, pp. 64-67 (USSR)

ABSTRACT: This is a comprehensive study of Burma's petroleum industry from 1797 to 1956 and includes detailed information on the location and production of oil fields and refineries. There is a map of the oil-bearing regions of Burma and a photograph of an oil field in the Chauk-Laniva region. The two references are USSR.

AVAILABLE: Library of Congress

Card 1/1

TREBIN, F.A.

Technical progress of the petroleum industry during the past 40 years.

Neft.khoz. 35 no.11:15-25 N '57.

(MIRA 10:11)

(Petroleum industry)

TREBIN, F.A.; ONOPRIYENKO, V.P.

Distribution of water-oil saturation in a porous medium in  
connection with the displacement of oil by water. Azerb. neft.  
khoz. 36 no.4:15-19 Ap '57. (h.A. 10:6)  
(Oil field flooding)

TOPCHIEV, A.V., akad., red.; TROFIMUK, A.A., red.; TREBIN, F.A., doktor tekhn. nauk, red.; FEDYNSKIY, V.V., doktor fiziko-matematicheskikh nauk, red.; SUKHANOV, V.P., inzh., red.; BORODULINA, K.M., ved. red.; DOBRYNINA, N.P., ved. red.; PETROVA, Ye.A., ved. red.; TROFIMOV, A.V., tekhn. red.

[The Fourth International Petroleum Congress] Rome, 1955. IV Mezhdunarodnyi neftianoi kongress. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol. 10. [Supplements and discussions] Dopolneniia i diskussii. 1958. 475 p. (MIRA 11:11)

1. Chlen-korrespondent AN SSSR (for Trofimuk). 2. Chleny delegatsii SSSR na IV Mezhdunarodnom neftyanom kongresse (for Topchiyev, Trofimuk, Trebin, Fedynskiy, Sukhanov).  
(Rome--Petroleum--Congresses)

TREBIN, F.A.; SHCHERBAKOV, G.V.

Simplified method for interpreting results of pressure restoration  
in wells taking into account fluid inflow after their depletion.  
Neft. khoz. 36 no.5:37-41 My '58. (MIRA 11:6)  
(Oil fields)

SOV/93-58-8-9/15

AUTHOR: Trebin, F. A., Borisov, Yu. P., and Mukharskiy, E. D.

TITLE: The Determination of Reservoir Characteristics by Means of Pressure Build-up Curves Which Include the Effect of Flow Into the Well After Shut-in (K opredeleniyu parametrov plasta po krivym vosstanovleniya davleniya s uchetom pritoka zhidkosti v skvazhinu posle yeye zakrytiya)

PERIODICAL: Neftyanoye khozyaystvo, 1958<sup>36</sup>, Nr 8, pp. 38-46 (USSR)

ABSTRACT: The prevailing methods for determining reservoir characteristics by means of pressure build-up curves [Ref. 1, 2] assume that a well is shut off at the bottom at the beginning of the test. Actually, a well is shut off at the top and the flow into the bore hole continues at a diminishing rate. VNII has established by means of a hydraulic integrator [Ref. 4] that when the build-up data refer to a period of negligible influx the well may be considered as shut off at the beginning of the test and the results will be reliable. American scientists have established the

Card 1/5

SOV/93-58-8-9/15

The Determination of Reservoir (Cont.)

same fact by using an electrical analyzer [Ref. 10]. The shortcoming of this method is that it requires shutting off the well for a long period which consequently results in loss of production. In view of this shortcoming, the authors of the present article made a critical evaluation of Soviet and American pressure build-up curve construction and interpretation methods including the effect of influx into a well after shut-in [Ref. 4, 5, 6, 7, 8, 9]. As a result it is now possible to determine the reservoir characteristics by the pressure build-up data on the initial curve sections. The authors investigated 30 flowing wells at the Bavly oilfield, where they worked in collaboration with the NPU of 'Bavlyneft' and the TatNII Institute. They state that well 71 at the Sokolovogorskoye oil field is not a

Card 2/5



The Determination of Reservoir (Cont.)

SOV/93-58-8-9/15

typical example of pressure build-up in free flowing wells since the inclusion of the effect of flow into the well after shut-in and the exclusion of this effect gave practically the same results. The authors state that the differential method of Yu. P. Borisov [Ref. 4] is based on the solution of M. Muskat [Ref. 3] for point drainage in an infinite reservoir under elastic filtration conditions and varying yield. The equation developed by Borisov is

$$\Delta P = \frac{\mu}{4\pi k h} \int_0^t \frac{q_0 - q(\tau)}{t - \tau} d\tau - \frac{r^2 c \pi p}{4 \mu (t - \tau)}$$

where  $q_0$  is the producing rate prior to shut-in,  $q(\tau)$  - producing rate at time interval  $\tau$  after shut-in,  $t$  - time interval for  $\Delta P_t$  pressure build-up. The other symbols are the same as those employed in the theory of filtration. The integral method of Barenblatt and co-authors [Ref. 5] is based on the solution of Fourier's boundary conditions at the wall of the well were obtained

Card 3/5

The Determination of Reservoir (Cont.)

SOV/93-58-8-9/15

by comparing the influx into the well in accordance with Darcy's Law, and the problem was solved by the operational method with the aid of the LaPlace Transform. The final expression for free flowing wells is

$$\psi = \frac{S \bar{P}_r(S)}{\frac{S_z}{Q_y} [(f_u + f_k) \bar{P}_r(S) - f_u \bar{P}_s(S) - f_k \bar{P}_3(S)]} = - \frac{Q \mu}{4 \pi k h} \ln 0.793 \frac{r_c^2}{r} S$$

where  $\psi$  is a function of  $S$ , dependent on the time interval of the well test. The other symbols are the same as those employed in Borisov's formula. The integral and differential methods of I. A. Charnyy and I. D. Umrikhin [Ref. 6] are based on the solution of M. Muskat [Ref. 3] for compressible fluid flow towards

Card 4/5

The Determination of Reservoir (Cont.)

SOV/93-58-8-9/15

the annual drainage radius  $a$ . Here the formula is

$$P(r,t) = - \frac{\mu}{4\pi kh} \int_0^t Q(\tau) \frac{e^{-\frac{a^2 + r^2}{4\kappa(t-\tau)}}}{t-\tau} \times I_0 \left[ \frac{a^2}{2\kappa(t-\tau)} \right] d\tau$$

where  $I_0$  is the sign of Bessel's function of the first kind, zero order from the imaginary argument. The other symbols are the same as those employed in the earlier formulas. The method suggested by other Soviet and American authors [Ref. 7, 8, 9] considers the partial influx into the well after shut-in and the results are obtained empirically without a suitable hydrodynamic basis. The authors of the present article verify all these methods by means of theoretical pressure build-up curves and present the results in Figs. 1-4. The field data on free flowing wells are published in "Neftyanoye khozyaystvo," 1958, Nr 9. There are 4 figures and 10 references, 7 of which are Soviet and 3 English.

1. Petroleum industry
2. Wells--Mathematical analysis
3. Electrical equipment--Applications

Card 5/5

11(0)

SOV/93-58-9-7/17

AUTHOR: ~~Trebin, F.A.~~ Borisov, Yu.P., and Mukharskiy, E.D.

TITLE: The Determination of Reservoir Characteristics by Means of Pressure Build-up Curves Which Include the Effect of Flow Into the Well After Shut-in (K opredeleniyu parametrov plasta po krivym vosstanovleniya davleniya s uchetom zhidkosti v skvazhinu posle yeye zakrytiya)

PERIODICAL: Neftyanoye khozyaystvo, 1958, <sup>36</sup>Nr 9, pp 40-47 (USSR)

ABSTRACT: This is a continuation of an article published in "Neftyanoye khozyaystvo," 1958, Nr 8. In that article the authors analyzed integration and differentiation methods for processing data on reservoir pressure build-up. In the present article the authors present the results of processing pressure build-up data by the integration and differentiation methods (Table 1 and Figs. 5-7). The study has determined that Yu.P. Borisov's differentiation method which takes into account the effect of flow into the well after shut-in is of considerable practical value. Table 2 and Fig. 6 present reservoir characteristics which were determined by Yu.P. Borisov's method. There are 3 figures and 2 tables.

Card 1/1

TREBIN, F. A., KRYLOV, A. P., BORISOV, Y. A., KOROTKOV, S. T., BUCHIN, A. N.,  
MAMIMOV, M. I., ABASOV, M. T., MIRCHINK, M. F., VASILEVSKIY, V. N., SHELKACHEV, V. N.,  
KOZLOV, A. L., and MINSKIY, E. M.

"Development of the Theory and Practice of Oil and Gas Field Production  
in the USSR."

Report submitted at the Fifth World Petroleum Congress, 30 May -  
5 June 1959. New York City.

TREBIN, F. A., TREBIN, G. F. (SECTION II)

"Hydraulic Characteristics of Porous Reservoirs."

Report submitted at the Fifth World Petroleum Congress, 30 May -  
5 June 1959. New York.

TREBIN, F. A., IOANNESYAN, R. A., GUSMAN, M. I. OSTROVSKIY, A. P., TAGIYEV, E. I.,  
TITKOV, N. I., SHMAREV, A. T., GELFGAT, Y. A., MININ, A. A., and SHASHIN, V. D.

"Progress of Turbodrilling and Studying New Methods of Drilling Wells  
in the USSR"

Report submitted at the Fifth World Petroleum Congress, 30 May -  
5 June, 1959. New York City.

TREBIN, F.A.; SHCHERBAKOV, G.V.

Instructions for using a simplified method for the interpretation  
of the results of pressure restoration in wells considering the  
fluid flow after the shutting in of the wells. Neft. khoz. 37  
no.1:55-57 Ja '59. (MIRA 12:3)  
(Oil reservoir engineering)



KALAMKAROV, V.A.; KRYLOV, A.P.; TREBIN, F.A.

General plan for the development of the Romashkino oil field  
and its introduction. Neft. khoz. 38 no.4:1-8 Ap '60.

(MIRA 14:8)

(Romushkino region--Oil fields--Production methods)

TREBIN, F. A. and SGROKIN, A. I.

"The Progress of Gas Distribution in the USSR"

report presented at the Eighth International Gas conference at Stockholm,  
28 30 June 61

SOROKIN, A.I.; TREBIN, F.A.

Development of the gas supply in the U.S.S.R. Gas. prom. 6 no.6:  
6-11 '61. (MIRA 14:9)

(Distribution)

TREBIN, Foma A., SOROKIN, A. I.

"The progress of gas distribution in the USSR."

report to be submitted for the International Gas Union, 8th Intl. Gas Conf., Stockholm, Sweden, 27-30 June 1961.

In 1956 reported as Chief, Oil Division, Mashinexport, Ministry of Foreign Trade USSR, (TREBIN).

FEDYNSKIY, V.V., doktor fiziko-matem. nauk, red.; LEVINSON, V.G., kand. geol.-mineral. nauk, red.; TOPCHIEV, A.V., akad. NAGIYEV, M.F., akad., red.; SHUYKIN, N.I., red.; MIRCHINK, M.F., red.; TREBIN, F.A., doktor tekhn. nauk, red.; SANIN, P.I., doktor khim. nauk; SUKHANOV, V.P., inzh., red.; PANOV, V.V., kand. tekhn. nauk, red.; IONEL', A.G., vedushchiy red.; ZARETSKAYA, A.I., vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Reports of the International Petroleum Congress. 5th New York, 1959]  
Doklady V Mezhdunarodnogo neftianogo kongressa, New York, 1959. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Vol.1. [Geology and geophysics] Geologiya i geofizika. Pod red. V.V. Fedynskogo i V.G.Levinsona. 1961. 382 p. (MIRA 14:9)

1. International Petroleum Congress. 5th, New York, 1959. 2. AN Azerbaydzhanskoy SSR (for Nagiyev). 3. Chleny-korrespondenty AN SSSR (for Shuykin, Mirchink).

(Petroleum geology) (Gas, Natural—Geology)  
(Prospecting—Geophysical methods)

TSAYGER, M.A.; Prinimali uchastiye: LAPUK, B.B., prof.; TREBIN, F.A., prof.

Solution to the problem of one-dimensional unsteady flow of gas  
through porous media with the aid of the M-2 high speed digital  
computer. Gaz.prom. 6 no.4:1-9 '61. (MIRA 14:3)  
(Gas, Natural)

TREBIN, F.A.; KREMS, N.K.

Further development of general automatic control in oil and gas  
production. Neft.khoz. 39 no.1:28-34 1 Ja '61. (MIRA 17:3)

VASIL'YEV, V.G.; TREBIN, F.A.

Geological bases for increasing oil and gas recovery in the  
U.S.S.R. in 1961-1980. Neft. khoz. 40 no.6:1-6 Je '62.  
(MIRA 15:6)  
(Petroleum geology)



SOROKIN, A.I., red.; ALEKSANDROV, A.V., red.; KLIMUSHIN, A.M.,  
red.; KOPYTOV, V.F., red.; TREBIN, F.A., red.;  
TURKIN, V.S., red.; CHERNYAK, L.M., red.; SOROKIN, A.I.,  
red.; ZUBAREVA, Yelena Ivanovna, ved. red.; SOLGANIK,  
Grigoriy Yakovlevich, ved. red.; POLOSINA, A.S., tekhn.red.

[Techniques used in the gas industry of foreign countries]  
Zarubezhnaia tekhnika gazovoi promyshlennosti; doklady. Mo-  
skva, Gostoptekhizdat, 1963. 386 p. (MIRA 17:2)

1. International Gas Congress. 7th, Stockholm. 1961.

TREBIN, F. A.

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LAPUK, B.B., MINSKY, YE.M., TREBIN, F.A.

Scientific principles of the development of gas fields in the USSR

Report to be submitted for the Sixth World Petroleum Congress,  
Frankfurt, 16-26 June 63

TREBIN, F.A.; MAKOGON, Yu.F.

Certain results of laboratory investigations of hydrate formation.  
Trudy MINKHIGP no.42:196-209 '63. (MIRA 17:3)

TREBIN, F.A.; TSAYGER, M.A.; RYABTSEV, N.I.

Unit for the study of reservoir disintegration resulting from gas  
flow. Trudy MINKHIGP no.42:222-227 '63. (MIRA 17:3)

SOROKIN, A.; TREBIN, F.A.; CHESYAK, L.M.; POTOF, A.

Foreign technology. Gaz. prom. 2 no.4:50-54 '63.

(MIRA 17:10)

GARIFULLINA, N. Kh.; ZAKIROV, S.N.; LAPUK, B.B.; TREBIN, F.A. (Moscow):

"The solution of problems of underground hydrogasdynamics by  
numerical methods".

report presented at the 2nd All-Union Congress on Theoretical and Applied  
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TREBIN, F.A., doktor tekhn. nauk, prof., red.;  
LATUKHINA, Ye.I., ved. red.

[Testing prospecting wells] Ispytanie razvedochnykh skva-  
zhin. Moskva, Izd-vo "Nedra," 1964. 164 p. (MIRA 17:4)

VASIL'YEV, Viktor Grigor'yevich; CHERSKIY, Nikolay Vasil'yevich;  
TREBIN, F.A., doktor tekhn. nauk, prof., red.;  
LATUKHINA, Ye.I., ved. red.

[Testing of exploratory wells in the U.S.S.R.] Ispytanie  
razvedochnykh skvazhin. Moskva, Izd-vo "Nedra," 1964. 164 p.  
(MIRA 17:6)



GUTENMAKHER, L.I.; TREEBEN, F.A.

Electronic data processing in the gas industry. Gaz. prom. 9 no.2:  
26-30 '64. (MIRA '64)

KALAMKAROV, V.A.; ORUDZHEV, S.A.; GALONSKIY, P.P.; KRYLOV, A.P.;  
MAKSIMOV, M.I.; TREBIN, F.A.

Accomplishments of Soviet petroleum workers in the  
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89-99 S-O '64.

(MIRA 17:18)

LAPUK, B.B.; SAVCHENKO, V.P.; TREBIN, F.A.

Scientific fundamentals of the development of gas and  
gas-condensate fields. Neft. khoz. 42 no.9/10:132-137  
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BOYDAROV, M.K.; LAZAR, B.N.; TRESHIN, P.A.

General solution of the problem of the development of a group of  
gas-condensate (gas) fields as a unit based on a study of fields  
in Krasnodar Territory. Gaz. prom. 10 no.6:5-12 '65. (MIRA 18:6)

TREBIN, F.A.; BERNSHTRYN, M.A.; YELOVNIKOV, S.I.; RULEV, N.A.; SOLNTSEV, O.A.

Prospects for the development of the gas and oil industries of  
the Kom. A.S.S.R. Neft. khoz. 43 no.3:34-39 Mr '65.

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TREBIN, Foma Andreyevich; SHCHERBAKOV, Gennadiy Vladimirovich;  
YAKOVLEV, Vasilii Pavlovich [deceased]; CHOPEROVA, T.A.,  
ved. red.

[Hydromechanical methods for the study of wells and layers]  
Gidromekhanicheskie metody issledovaniia skvazhin i plastov.  
Moskva, Nedra, 1965. 275 p. (MIRA 18:5)

TREBIN, F.A.; SHCHERBAKOV, G.V.

Express method for testing wells based on pressure build-up curves.  
Neft. khoz. 43 no.9:28-31 S '65.

(MIRA 18:10)

ABEZGAUZ, I.M.; KAPYRIN, Yu.V.; TREBIN, G.F.

New method for determining the optical density of petroleum.  
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(MIRA 19:1)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.



TESLYUK, Ye.V.; ROZENBERG, M.D.; KAPYRIN, Yu.V.; TREBIN, G.F.

Nonisothermal multiphase flow and the calculation of thermodynamic effects in the development of oil fields. Trudy VNII no.42:281-293 '65. (MIRA 18:5)

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Estimating the efficiency of thermal drive. Neft. khoz. 40 no.8:  
42-49 Ag '62. (MIRA 17:2)

KAPYAIN, Yu.V.; TUREBIN, G.F.

Crystallization of paraffins from formation petroleums. Nauch. tekhn.  
sbor. po dob. nefti no. 27:79-81 '65. (MIRA 18:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

MAMUNA, Vladimir Nikolayevich; TREBIN, Carol'd Fomich; UL'YANINSKIY,  
Boris Vladimirovich; VATOLIN, G.N., ved. red.; MUKHINA, E.A.,  
tekhn. red.

[Deep samplers and their use] Glubinnye probotborniki i ikh pri-  
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toplivnoi lit-ry, 1961. 156 p. (MIRA 14:9)  
(Oil field brines--Analysis)

TESLYUK, Ye.V.; TREBIN, G.F.; OSTROVSKIY, Yu.M.

Theoretical investigations of the flow of mutually soluble  
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(MIRA 18:5)

BABANIN, Y.I.; BABYAN, Y.I.; BABIN, Y.I.; BABIN, Y.I.

Automatic control of the engine for the purpose of  
accurate control of the engine. The engine is a  
four-cylinder engine.

1. The engine is a four-cylinder engine.

VASIL'YAN, V.N.; GROMOVA, A.A.; KAPIRIN, Yu.V.; TULBIN, G.F.

Studying viscosity at increased temperatures. Nauch.-tekhn. sbor.  
po dob. nefti no.22:55-57 '64. (MIRA 17:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

TREBIN, G.F.; KAPYRIN, Yu.V.; VASIL'YEV, V.N.

Thermograph with contact temperature-sensitive element for  
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(MIRA 17:8)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.



TREBIN, G.F.; KAPYPIN, Yu.V.

Crystallization of paraffin in the bottom zone of oil wells.  
Neft. khoz. 42 no.8:39-45 Ag '64. (MIRA 17:9)

TESLYUK, Ye.V.; TREBIN, G.F.; OSTROVSKY, Yu.M.

Flow of mutually soluble fluids under conditions of plane-radial  
flow and in current pipes of variable cross section. Trudy VNI  
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KAPYRIN, Yu.V.; TREBIN, G.F.; POZIN, L.Z.

Using temperature effects in investigating the wells of the  
Romashkino field. Neft. khoz. 42 no. 3:26-32 Mr '64.  
(MIRA 17:7)

KAPYRIN, Yu.V.; TREBIN, G.F.

Estimating errors in the investigation of deep-well oil  
samples. Nauch.-tekhn. sbor. po dob. nefti no.21:62-67 '63.  
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1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy  
institut.

TESLYUK, Ye.V.; KAPYRIN, Yu.V.; TREBIN, G.F.

Solving certain problems of heat conductivity and flow occurring  
in petroleum production involving the use of thermal drive. Trudy  
VNII no.37:271-289 '62. (MIRA 16:6)  
(Petroleum production, Thermal)

SAVINIKHINA, A.V.; TREBIN, G.F.

Using ultrasonic waves for studying petroleum systems. Nauch.-  
tekh. sbor. po dob. nefti no.1:40-43 '58. (MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Oil reservoir engineering)  
(Ultrasonic waves--Industrial applications)

TREBIN, G.F.; MAMUNA, V.N.; UL'YANINSKIY, B.V.

Extraction of oil samples from beam wells in Fergana Valley  
fields. Nauch.-tekhn. sbor. po dob. nefti no.1:62-64 '58.  
(MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Fergana—Oil reservoir engineering)

SALATINYAN, I.Z.; FOKEYEV, V.M.; TREBIN, G.F.

Effect of pressure decline and free gas separation on the rate  
of wax precipitation in pipes. Nauch.-tekhn. sbor. po dob. nefti  
no.15:91-94 '61. (MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Petroleum pipelines) (Paraffin wax)



SALATINYAN, I.Z.; TREBIN, G.F.; FOKEYEV, V.M.

Effect of the rate of petroleum flow on the deposition of paraffin  
on pipe walls. Izv. vys. ucheb. zav.; nef't' i gaz 3 no.10:49-53  
'60. (MIRA 14:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
imeni akademika I.M.Gubkina.  
(Paraffins)

YAKOVLEV, Vasilii Pavlovich. Prinimal uchastiye TREBIN, G.F., kand.tekhn.  
nauk. FEDOTOVA, I.G., tekhn.red.

[Oil well operator] Operator po issledovaniyu neftianyykh skvazhin.  
Izd.2., perer. i dop. Moskva, Gos.nauchno-tekhn.izd-vo neft. i  
gorno-toplivnoi lit-ry, 1959. 306 p. (MIRA 12:11)  
(Oil reservoir engineering)

TREBIN, G. F., TREBIN, F. A. (SECTION II)

"Hydraulic Characteristics of Porous Reservoirs."

Report submitted at the Fifth World Petroleum Congress, 30 May -  
5 June 1959. New York.

TREBIN, Garol'd Fomich; MURAV'YEV, I.M., prof., doktor tekhn.nauk, red.;  
KAYESHKOVA, S.M., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

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Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry,  
1959. 156 p. (MIRA 13:2)  
(Filters and filtration)

TREBIN, G.F.; SAVINIKHINA, A.V.; KAPYRIN, Yu.V.; GROMOVA, A.A.

Certain results of the study of the crystallization of paraffin  
from the reservoir oil of the Bitkov oil field. Nauch.-tekhn. stor.  
po dob. nefi no.24:43-47 '64. (MIRA 17:10)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

KAFYRIN, Yu.V.; TREBIN, G.F.

Concerning the temperature conditions of oil wells. Nauch.-tekhn.  
sbor. po dob. nefti no.25:104-109 '64. (MIRA 17:12)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

TREBKO, G.T.

Novocaine electrophoresis anesthesia in surgery of phimosis.  
(MIRA 18:8)  
Urologiia. no.5:60-61 '64.

1. Urologicheskaya klinika (nachal'nik -- prof. G.S.Grebenshchikov)  
Voyenno-meditsinskoy ordena Lenina akademii imeni Kirova, Leningrad.

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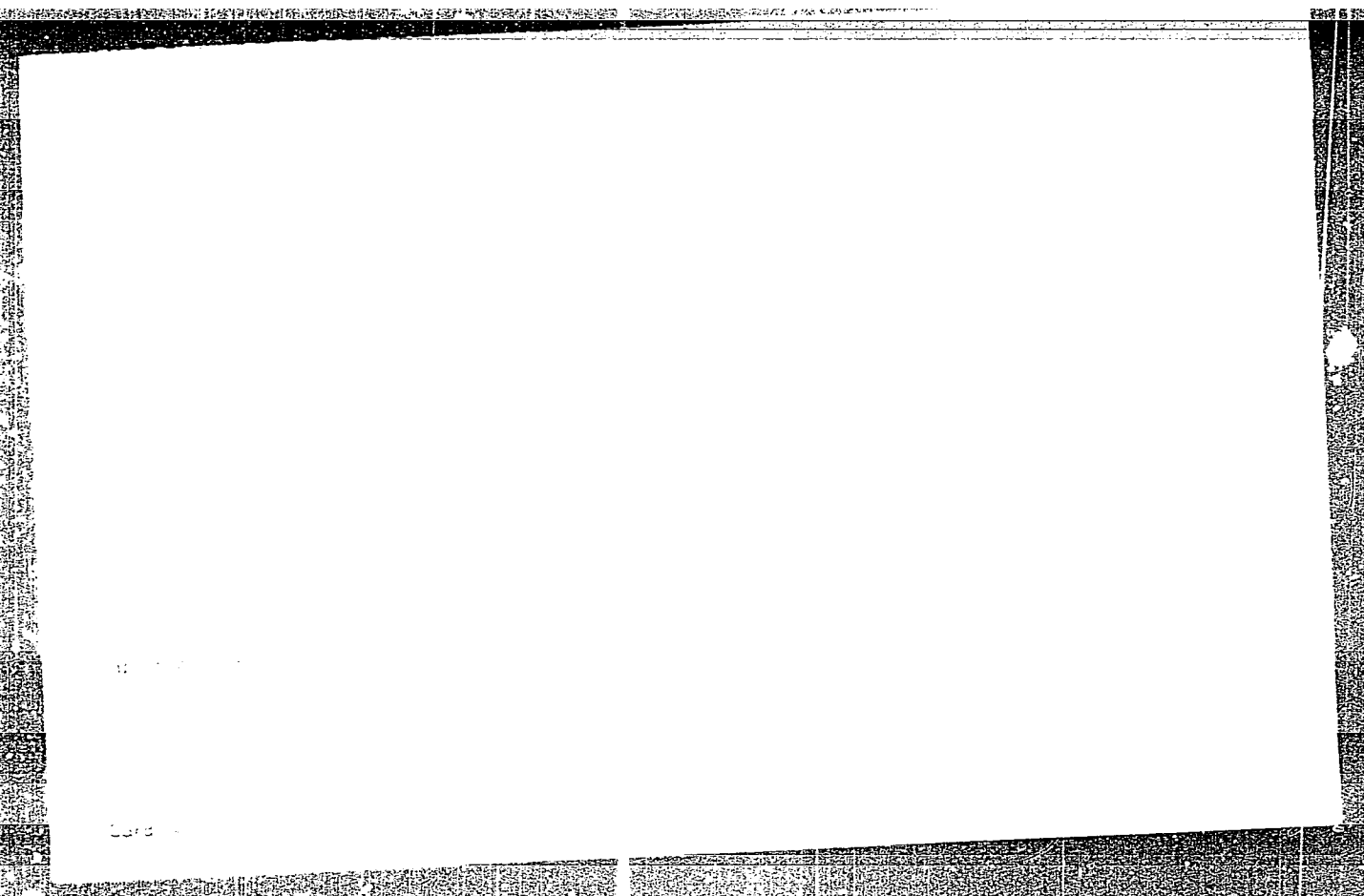
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Bulgarian cooperationists greet us. p.2.

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New organizariional forms of commerce in our field of activity. p.4.

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M.S.; ROZENFEL'D, M.A.; SIMIN, S.Kh.; TREBNIK, Ya.L.;  
GARBARUK, V.N., kand. tekhn.nauk, retsenzent; VAKSER, D.B.,  
dots., red.; VARKOVETSKAYA, A.I., red.izd-va; SHCHETININA,  
L.V., tekhn. red.

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cyclododecane. Zhur. org. khim. 1 no.9:1583-1586 S '65.  
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C<sub>6</sub>H<sub>6</sub>, 74.1, EtOH 18.5, and H<sub>2</sub>O 7.4% is determined using Swieto-  
slawski's method. The enthalpy,  $H_p = 146.23$  g.-cal. per g.  $\pm$   
0.12% at 61.86° and 1 atm., and the mean sp. heat,  $C_{p,av} = 0.571$  g.-  
cal./°C.  $\pm$  2.45%. S. K. Lackowicz.

77  
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(China--Prestressed concrete)

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PA 44/49T38

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1. Dnepropetrovskiy gosudarstvennyy universitet, kafedra geobotaniki.

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